

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT:

(A) NAME: BIOMERIEUX

(B) STREET: Chemin de l'Orme

(C) CITY: MARCY-L'ETOILE

(E) COUNTRY: FRANCE

(F) POSTAL CODE: 69290

(A) NAME: SERRE Guy

(B) STREET: Résidences du Lac, Appt. 46,  
10 avenue Winston Churchill

(C) CITY: TOULOUSE

(E) COUNTRY: FRANCE

(F) POSTAL CODE: 31100

(A) NAME: GIRBAL-NEUHAUSER Elisabeth

(B) STREET: 22 rue Matelache

(C) CITY: TOULOUSE

(E) COUNTRY: FRANCE

(F) POSTAL CODE: 31000

(A) NAME: VINCENT Christian

(B) STREET: 16, avenue de la Saune

(C) CITY: LAUZERVILLE

(E) COUNTRY: FRANCE

(F) POSTAL CODE: 31650

(A) NAME: SIMON Michel

(B) STREET: 152, chemin du Pech

(C) CITY: ESCALQUENS

(E) COUNTRY: FRANCE

(F) POSTAL CODE: 31750

(A) NAME: SEBBAG Mireille

(B) STREET: 3, rue A. Fredeau

009270 22045260

(C) CITY: TOULOUSE  
(E) COUNTRY: FRANCE  
(F) POSTAL CODE: 31500

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(A) NAME: DALBON Pascal  
(B) STREET: 6, boulevard Jules Fabre  
(C) CITY: LYON  
(E) COUNTRY: FRANCE  
(F) POSTAL CODE: 69006

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(A) NAME: JOLIVET-REYNAUD Colette  
(B) STREET: 16, avenue des Colonnes  
(C) CITY: BRON  
(E) COUNTRY: FRANCE  
(F) POSTAL CODE: 69500

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(A) NAME: ARNAUD Michel  
(B) STREET: 63, rue Gervais Bussière  
(C) CITY: VILLEURBANE  
(E) COUNTRY: FRANCE  
(F) POSTAL CODE: 69100

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(A) NAME: JOLIVET Michel  
(B) STREET: 16, avenue des Colonnes  
(C) CITY: BRON  
(E) COUNTRY: FRANCE  
(F) POSTAL CODE: 69500

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(ii) TITLE OF THE INVENTION: ANTIGENS DERIVED FROM  
FILAGGRINS AND THEIR USE FOR THE DIAGNOSIS  
OF RHEUMATOID ARTHRITIS

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(iii) NUMBER OF SEQUENCES: 6

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(iv) COMPUTER READABLE FORM:  
(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS

009240 22045200

(D) SOFTWARE: PatentIn Release #1.0, Version  
#1.30 (EPO)

(2) INFORMATION FOR SEQ ID NO: 1:

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(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 24 base pairs

(B) TYPE: nucleotide

(C) STRANDEDNESS: single

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(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

TTCCTATACC AGGTGAGCAC TCAT

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(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 25 base pairs

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(B) TYPE: nucleotide

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

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AGACCCTGAA CGTCAGACC GTCCC

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(2) INFORMATION FOR SEQ ID NO: 3:

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(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 49 amino acids

(B) TYPE: amino acid

(C) STRANDEDNESS:

(D) TOPOLOGY: linear

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(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

Ser Thr Gly His Ser Gly Ser Gln His Ser His Thr Thr Thr Gln Gly  
 1 5 10 15  
 Arg Ser Asp Ala Ser Arg Gly Ser Ser Gly Ser Arg Ser Thr Ser Arg  
 5 20 25 30  
 Glu Thr Arg Asp Gln Glu Gln Ser Gly Asp Gly Ser Arg His Ser Gly  
 35 40 45  
 Ser

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(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 37 amino acids

(B) TYPE: amino acid

(C) STRANDEDNESS:

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Ser Gln Asp Arg Asp Ser Gln Ala Gln Ser Glu Asp Ser Glu Arg Arg  
 1 5 10 15  
 Ser Ala Ser Ala Ser Arg Asn His Arg Gly Ser Ala Gln Glu Gln Ser  
 25 20 25 30  
 Arg Asp Gly Ser Arg  
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30 (2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 14 amino acids

(B) TYPE: amino acid

(C) STRANDEDNESS:

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Glu Gln Ser Ala Asp Ser Ser Arg His Ser Gly Ser Gly His  
5 1 5 10

(2) INFORMATION FOR SEQ ID NO: 6:

10 (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 14 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

20    Glu Ser Ser Arg Asp Gly Ser Arg His Pro Arg Ser His Asp  
       1                        5                        10